In the Specification:

Please **delete** the heading at **page 1, above line 1.**

Please **add** a new heading at **page 1, above line** 1, as follows:

TITLE OF THE INVENTION

Please **add** a new heading at **page 1, above line 2**, as follows:

FIELD OF THE INVENTION

Please **replace** the paragraph at **page 1, lines 2 to 4,** with a replacement paragraph amended as follows:

The invention relates to a tri- or bi-axial monolithic acceleration ~~sensor according to the preamble of the patent claim 1 or 3 respectively.~~ sensor.

Please **add** a new heading at **page 1, above line 5**, as follows:

BACKGROUND INFORMATION

Please **add** a new heading at **page 2, above line 20**, as follows:

SUMMARY OF THE INVENTION

Please **replace** the paragraph at **page 2, lines 20 to 24,** with a replacement paragraph amended as follows:

It is the underlying object of the invention to embody an acceleration sensor as generally discussed above ~~according to the preamble of the claim 1 or 3 respectively~~ such that a larger error angle is adjustable and the signals of the

individual sensors can quickly and simply be evaluated.

Please **replace** the paragraph at **page 3, lines 1 to 3,** with a replacement paragraph amended as follows:

This object is achieved ~~by a tri- or bi-axial monolithic acceleration sensor with the characteristic features set forth in the claim 1 or 3.~~ according to the invention in a tri-axial monolithic acceleration sensor, which comprises the following characteristic features:

a) the acceleration sensor consists of plural individual sensors with respectively a main sensitivity axis arranged on a common substrate,

b) each individual sensor is rotatably movably suspended on two torsion spring elements and comprises a seismic mass with a center of gravity,

c) each individual sensor comprises means for the measurement of the deflection of the seismic mass,

characterized in that

d) the acceleration sensor consists of at least three identical individual sensors,

e) each individual sensor is suspended eccentrically relative to its center of gravity and

f) is rotated relative to the other individual sensors by 90°, 180° or 270°.

Please **add** a new paragraph at **page 3, above line 4,** as follows:

This object is further achieved according to the invention in a bi-axial monolithic acceleration sensor, that

comprises the following characteristic features:

a) the acceleration sensor consists of two individual sensors with respectively a main sensitivity axis arranged on a common substrate,

b) each individual sensor is rotatably movably suspended on two torsion spring elements and comprises a seismic mass with a center of gravity,

c) each individual sensor comprises means for the measurement of the deflection of the seismic mass,

characterized in that

d) the acceleration sensor consists of two identical individual sensors,

e) each individual sensor is suspended eccentrically relative to its center of gravity and is rotated by 180° relative to the other individual sensor, and

f) the main sensitivity axis of the one individual sensor extends vertically to the substrate and the main sensitivity axis of the other individual sensor extends vertically to the substrate.

Please **replace** the paragraph at **page 3, lines 4 to 8,** with a replacement paragraph amended as follows:

The ~~subject matter of the claim 1 or 3~~ <u>inventive acceleration sensor</u> comprises the advantages that a larger and also ideal error angle of 45° is adjustable, and the measurement principle that is designed or laid-out for planar differential capacitive signal read-out leads to especially stable sensors.

Please **delete** the paragraph at **page 3, lines 11 to 12.**

Please **add** a new heading at **page 3, above line 13**, as follows:

BRIEF DESCRIPTION OF THE DRAWINGS

Please **add** a new heading at **page 4, above line 7**, as follows:

DETAILED DESCRIPTION OF A PREFERRED EXAMPLE EMBODIMENT OF THE INVENTION

Please **replace** the paragraph at **page 4, lines 7 to 17,** with a replacement paragraph amended as follows:

The Fig. 1 shows an acceleration sensor 1 for tri-axial measurement of accelerations, consisting of four identical individual sensors 2a, 2b, 2c and 2d. Each individual sensor 2a-d comprises a seismic mass 3a, 3b, 3c or 3d with a center of gravity S_a, S_b, S_c and S_d, whereby each seismic mass 3a-d is suspended eccentrically relative to its center of gravity S_a, S_b, S_c and S_d on two torsion spring elements 4a, 4b, 4c, 4d, 4e, 4f, 4g or 4h in a rotatably movable manner. Each torsion spring element **[[**~~4a-g~~**]]** 4a-h is on its part in turn connected with an outer frame 5. The outer frame 5 holds together the four individual sensors 2a-d and is divided by an intermediate frame 6.

[AMENDMENT CONTINUES ON NEXT PAGE]